

AC – 04/12/2024
Item No. – 8.33 (N) (12)

As Per NEP 2020

University of Mumbai



Syllabus for Basket of OE/Value-added Certificate Course

Ad-hoc Board of Studies in Centre for Extra-Mural Studies

UG Programme

Semester

I

Title of Paper

Credits

**Landscape Design,
Development and
Maintenance**

4

From the Academic Year

2025-26

Sr. No.	Heading	Particulars
1	Description the course: Including but Not limited to :	Landscape Design, Development and Maintenance This comprehensive course provides a deep dive into the essential aspects of landscape design, development, and maintenance, equipping students with both theoretical knowledge and practical skills necessary for managing and creating aesthetically pleasing and functional landscapes. Whether for residential, commercial, or public spaces, the course covers the complete lifecycle of landscape projects—from initial design to execution and ongoing care. Eligibility: H.S.C (12 th Standard) Pass
2	Vertical :	Skill Enhancement ✓
3	Type :	Theory + Practical
4	Credit:	4 credits (1 credit = 15 Hours for Theory or 30 Hours of Practical work in a semester)
5	Hours Allotted :	90 Hours
6	Marks Allotted:	100 Marks

7	Course Objectives: (List some of the course objectives) 1. Develop Design Skills and Understand Horticultural Principles, Focus on Sustainability and Master Landscape Maintenance 2. Use of Design Tools and Enhance Problem-Solving Abilities. 3. Promote Aesthetic and Functional Integration, Learn Landscape Project Management , Cultural and Historical Awareness: 4. Career Preparation.
8	Course Outcomes: (List some of the course outcomes) 1. Proficiency in Landscape Design Principles, Horticultural Expertise, Sustainability and Environmental Awareness 2. Landscape Maintenance Skills, Technical Skills in Design Tools, Project Management and Communication 3. Problem-Solving and Adaptability, Knowledge of Landscape Regulations and Ethics, Creative and Aesthetic Judgment 4. Career Readiness

9	Modules:- Per credit One module can be created
	Module 1: "Landscaping gardening Essentials: Design Principles and Planting Techniques"
	1. Introduction to landscape gardening, History and garden styles 2. Principles and elements of landscape design, Types of landscape features and garden adornments and Bio-aesthetic planning 3. Designing specialized gardens and Landscape Design-An Overview, Planning landscape design and reading landscape plan 4. Execution of landscape plans, Selection and use of Trees, Palms, Shrubs, Herbs, Ground covers Climbers & Creepers
	Module 2: "Innovative Urban Landscape Solutions: Vertical, Terrace, and Indoor Gardens"

1. Vertical garden design, build and maintenance
2. Terrace garden , Podium garden , Indoor garden
3. Water/rock garden
4. Assignment and discussion on “What would you want to do as an individual to develop landscape skills”

Module 3: "Softscape Development: From Planning to Placement and Practical Horticulture"

1. Public area landscape development, - Industrial landscape development, Urban forestry/Miyawaki forest
2. Urban landscape designing -Landscaping in City, Town & Public Places, Landscaping- Public Parks
3. Understanding practical horticulture, Planning horticulture operations and Execution of landscape plans
4. Tools, tackles and garden equipment and their use

Module 4: "Budgeting for Landscape Projects: Maintenance, Site Visits, and Practical Assignments"

1. Soft-scape and Hard-scape budgeting
2. Estimate for garden maintenance, Initial maintenance , Regular maintenance
3. Visit to public garden, best maintained landscape garden, Miyawaki forest development, garden center and nursery, garden center and nursery.
4. Discussion on Assignment and Review of Assignments, Learning's and final assignment.

10 Text Books:

11 Reference Books:

1. Tropical Garden Plants –In Colour-----T. K. Bose-----Horticulture and Allied Publishers, Kolkata
2. Splash-Rock and water design in gardens: Peter Robinsaon ---Southwater, Annes Publishing Ltd. London
3. The Small Garden-----John Brooks-----Tiger Books International London
4. Laying out Japanese gardens in india
5. Floriculture – fundamentals and practices
6. Tropical planting and gardening
7. A History of Garden Design

12	Internal Continuous Assessment: 40%	External, Semester End Examination : 60% Individual Passing in Internal and External Examination
13	Continuous Evaluation through: presentation, project, assignment	Assignment Project
14	Format of Question Paper: Assessment will done on the basis of Project. The project will be done in a group activity with not more than 5 numbers of Leaners.	

**Sign of the BOS
Chairman
Dr. Madhavi
Narsalay
Centre for Extra-
Mural Studies**

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Offg.Associate Dean
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